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<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/622,324	REDDY ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Qamrun Nahar	2191	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**  
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

- 1. ☒ This communication is responsive to the RCE filed on 09/05/2007.
  - 2. ☒ The allowed claim(s) is/are 19-28, renumbered 1-10.
  - 3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    - 1. ☒ Certified copies of the priority documents have been received.
    - 2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    - 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

- 4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  - 5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
- 6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |

### **DETAILED ACTION**

1. This action is in response to the RCE filed on 09/05/2007.
2. The objections to claims 19 and 24 are withdrawn in view of applicant's amendment.
3. The rejection under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention to claims 19-28 is withdrawn in view of applicant's amendment.
4. The rejection under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter to claims 19-23 is withdrawn in view of applicant's amendment.
5. The rejection under 35 U.S.C. 103(a) as being unpatentable over Linton et al. (US 2004/0015822) (hereinafter "Linton") in view of Brunner (U.S. 5,550,971) to claims 19-28 is withdrawn in view of applicant's amendment and remarks/arguments.
6. Claims 19 and 24 have been amended.
7. Claims 19-28 are pending.
8. Claims 19-28 are allowed, renumbered 1-10.

### **EXAMINER'S AMENDMENT**

9. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Donald R. Boys (Reg. No. 35,074) on October 4, 2007.

The application has been amended as follows:

**In the Claims:**

Please amend claims 19 and 24 as follows:

**Claim 19 (Currently Amended),**

At line 6, before “grouping” delete [arbitrarily]

At line 15, after “versions”, delete [.] and insert ;

**Claim 24 (Currently Amended),**

At line 5, before “grouping” delete [arbitrarily]

- END -

**REASONS FOR ALLOWANCE**

10. The following is an examiner’s statement of reasons for allowance:

The cited prior art taken alone or in combination fail to teach, in combination with the other claimed limitations, the configuration having means to interpret semantics of association of the ownership to determine completeness and compatibility of the assembled component versions; wherein interpreting the semantics at least determine if any of the associations of the

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ownership of any of the component versions of said configuration are unbound in the configuration as substantially recited in independent claims 19 and 24.

The closest cited prior arts, the combination of Linton (US 2004/0015822) and Brunner (U.S. 5,550,971) teaches a method for versioning and configuration management of models. However, the combination of Linton (US 2004/0015822) and Brunner (U.S. 5,550,971) fails to teach the configuration having means to interpret semantics of association of the ownership to determine completeness and compatibility of the assembled component versions; wherein interpreting the semantics at least determine if any of the associations of the ownership of any of the component versions of said configuration are unbound in the configuration as substantially recited in independent claims 19 and 24; and as pointed out by the applicant's remarks/arguments on pg. 5, par. 4 to pg. 6, par. 3.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

11. Any inquiry concerning this communication from the examiner should be directed to Qamrun Nahar whose telephone number is (571) 272-3730. The examiner can normally be reached on Mondays through Fridays from 9:30 AM to 6:00 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Y Zhen, can be reached on (571) 272-3708. The fax phone number for the organization where this application or processing is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the TC 2100 Group receptionist whose telephone number is 571-272-2100.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Qamrun Nahar  
October 5, 2007



WEI ZHEN  
SUPERVISORY PATENT EXAMINER